Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

Atty. Docket No. INRP:021USC1/SLH **Applicants**

Richard J. Cristiano

Serial No.

09/922,490

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Dao Nguyen Filing Date:

August 3, 2001

Group: Unknown

U.S. Patent Documents See Page 1

Foreign Patent Documents See Page 1

Other Art See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
B	A1	5,399,346	03/21/95	Anderson et al.	424	93.21	3/30/94
1/	A2	5,604,090	2/18/97	Alexander, et al.	435	5	6/6/94
V	A3	5,747,469	5/5/98	Roth, et al.	514	44	4/25/94

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	WO 95/33824	12/14/95	PCT			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam Init.	Ref. Des.	Citation				
P	C1	Baichwal and Sugden, "Vectors for gene transfer derived from animal DNA viruses: Transient an stable expression of transferred genes", <i>In</i> : Kucherlapati R, ed. Gene transfer. New York: Plenum Press, pp. 117-148, 1986.				
	C2	Bargonetti et al., "Wild-type but not mutant p53 immunopurified proteins bind to sequences adjacent to the SV40 origin or replication, " Cell, 65:1083-1091, 1991.				
	C3	Benvenisty and Neshif, "Direction introduction of genes into rats and expression of the genes", Proc. Nat'l Acad. Sci. USA, 83:9551-9555, 1986.				
	C4	Bitter et al., "Expression and secretion for yeast", Methods in Enzymol., 153:516-544, 1987.				
	C5	Cancerlit Database, AN 96601955, Stevens et al., Pro. Annu. Meet Am Assoc Cancer Res, 36:A2518, abstract, 1995.				
	C6	Cancerlit Database, AN 97604989, Cerniglia et al., Pro Annu. Meet Am Assoc Cancer Res, 37:A2344, abstract, 1996.				
7	C7	Cancerlit Database, AN 97604990, Zeng et al., Pro. Annu. Meet Am Assoc Cancer Res, 37:A2345, abstract, 1996.				

25071513.1

Date Considered: Examiner: 316107

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)		Atty. Docket No.	Serial No.
		INRP:021USC1/SLH	09/922,490
List of Patents and Publications for	Applicant's	Applicants	OIPE
		Richard J. Cristiano	الع ا
INFORMATION DISCLOSURE S	TATEMENT	Dao Nguyen	SEP 2 1 2001 4
(Use several sheets if necess	sary)	Filing Date: August 3, 2001	Group Unknown
U.S. Patent Documents	Foreign P	atent Documents	Other Antimatis
See Page 1	Se	ee Page 1	See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Ref. Cit		Citation
Ø ^J	C8	Casey et al., "Growth suppression of human breast cancer cells by the introduction of a wild-type p53 gene", Oncogene, 6:1791-1797, 1991.
	C9	Chang et al., "Foreign gene delivery and expreddion in hepatocytes using a hepatitis B virus vector", Hepatology, 14:134A, 1991.
	C10	Chen and Okayama, "High-efficiency transfection of mammalian cells by plasmid DNA", <i>Mol. Cell Biol.</i> , 7:2745-2752, 1987.
	C11	Coffin, "Retroviridae and their replication", <i>In: Virology</i> , Fields <i>et al.</i> (eds.), New York: Raven Press, pp. 1437-1500, 1990.
	C12	Couch et al., "Immunization with types 4 and 7 adenovirus by selective infection of the intestinal tract", Am. Rev. Resp. Dis., 88:394-403, 1963.
	C13	Coupar et al., "A general method for the construction of recombinant vaccinia virus expressing multiple foreign genes", Gene, 68:1-10, 1988.
	C14	Cusack et al., "High levels of gene transduction in human lung tumors following intralesional injection of recombinant adenovirus," Cancer Gene Ther.,3(4):345-249, 1996.
	C15	Diller et al., "p53 Functions as a Cell Cycle Control Protein in Osteosarcomas", Mol. Cell Biol., 10(11):5772-5781, 1990.
	C16	Dubensky et al,. "Direct transfection of viral and plasmid DNA into the liver or spleen of mice", Proc. Nat. Acad. Sci. USA, 81:7529-7533, 1984.
	C17	Eastman, "Activation of programmed cell death by anticancer agents: cisplatin as a model system, " Cancer Cells, 2:275-280, 1990.
	C18	Fechheimer et al., "Transfection of mammalian cells with plasmid DNA by scrape loading and sonication loading", <i>Proc. Nat'l Acad. Sci. USA</i> , 84:8463-8467, 1987.
	C19	Ferkol <i>et al.</i> , "Regulation of the phosphoenolpyruvate carboxykinase/human factor IX gene introduced into the livers of adult rats by receptor-mediated gene transfer, " <i>FASEB J.</i> , 7:1081-1091, 1993.
	C20	Fields et al., "Presence of a potent transcription activating sequence in the p53 portein, " Science, 249:1046-1049, 1990.

25071513.1

Examiner:	Ddw	Date Considered:	B(6/03
EXAMINER: in	itial if reference considered, whether or n	ot citation is in conformance with MPE	P609: Draw line through citation if not

Atty. Docket No. Serial No. Form PTO-1449 (modified) INRP:021USC1/SLH 09/922,490 List of Patents and Publications for Applicant's **Applicants** Richard J. Cristiano INFORMATION DISCLOSURE STATEMENT Dao Nguyen Ġrgup: Filing Date: (Use several sheets if necessary) Unkkown August 3, 2001 Other Art **U.S. Patent Documents Foreign Patent Documents** See Page 1 See Page 1 See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
P	C21	Fraley et al., "Entrapment of a bacterial plasmid in phospholipid vesicles: Potential for gene transfer", Proc. Nat'l Acad. Sci. USA, 76:3348-3352, 1979.
C22 Freshney, "Animal Cell Culture: A Practical Approach", S Press, Oxford University Press, 1992.		Freshney, "Animal Cell Culture: A Practical Approach", Second Edition, Oxford/New York, IRL Press, Oxford University Press, 1992.
	C23	Friedmann, "Progress toward human gene therapy", Science, 244:1275-1281, 1989.
	C24	Fritsche et al., "Induction of nuclear accumulation of the tumor-suppressor protein p53 by DNA-damaging agents", Oncogene, 8:307-318, 1993.
	C25	Gavrieli et al., "Identification of Programmed Cell Death In Situ Via Specific Labeling of Nuclear DNA Fragmentation", J. Cell Biol., 119:493-501, 1992.
	C26	Ghosh and Bachhawat, "Targeting of liposomes to hepatocytes", <i>In:</i> Wu G. and C. Wu ed. Liver diseases, targeted diagnosis and therapy using specific receptors and ligands. New York: Marcel Dekker, pp. 87-104, 1991.
	C27	Ghosh-Choudhury, et al., "Protein IX, a minor component of the human adenovirus capsid, is essential for the packaging of full length genomes", EMBO J., 6:1733-1739, 1987.
	C28	Gomez-Foix et al., "Adenovirus-mediated transfer of the muscle glycogen phosphorylase gene into hepatocytes confers altered regulation of glycogen", J. Biol. Chem., 267:25129-25134, 1992.
	C29	Goodman and Gilman's "The Pharmacological Basis of Therapeutics." 8th ed. Pergammon Press, New York, 1990.
	C30	Gopal, "Gene transfer method for transient gene expression, stable transfection, and cotransfection of suspension cell cultures", <i>Mol. Cell Biol.</i> , 5:1188-1190, 1985.
	C31	Graham and Prevec, "Manipulation of adenovirus vectors." In: E.J. Murray (ed.), Methods in Molecular Biology, Gene Transfer and Expression Protocols, New Jersey: The Humana Press Inc., 109-128, 1991.
	C32	Graham and Van Der Eb, "A new technique for the assay of infectivity of human adenovirus 5 DNA", <i>Virology</i> , 52:456-467, 1973.
4	C33	Graham, et al., "Characteristics of a human cell line transformed by DNA from human adenovirus type 5", J. Gen Virol. 36:59-72, 1977.

25071513.1		
Examiner:	6	Date Consider d: 26/03

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)		Atty. Docket No. INRP:021USC1/SLH	Serial No. 09/922,490
List of Patents and Publications for	Applicant's	Applicants Richard J. Cristiano	
INFORMATION DISCLOSURE S	TATEMENT	Dao Nguyen	\$P 21 ~ 2
(Use several sheets if necess	ary)	Filing Date: August 3, 2001	Group:
U.S. Patent Documents Foreign F		atent Documents	Other Art
See Page 1		e Page 1	See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation				
BV	C34	Harland and Weintraub, "Translation of mammalian mRNA injected into Xenopus oocytes is specifically inhibited by antisense RNA", <i>J. Cell Biol.</i> , 101:1094-1099, 1985.				
	C35	Hermonat and Muzycska, "Use of adenoassociated virus as a mammalian DNA cloning vector: Transduction of neomycin resistance into mammalian tissue culture cells", <i>Proc. Nat'l Acad. Sci. USA</i> , 81:6466-6470, 1984.				
	C36	Hersdorffer et al., "Efficient gene transfer in live mice using a unique retroviral packaging line", DNA Cell Biol., 9:717-723, 1990.				
	C37	Herz and Gerard, "Adenovirus-mediated transfer of low density lipoprotein receptor gene acutely accelerates cholesterol clearance in normal mice", <i>Proc. Nat'l Acad. Sci. USA</i> 90:2812-2816, 1993.				
	C38	Hollstein et al., "p53 mutations in human cancers", Science, 253:49-53, 1991.				
	C39	Horwich <i>et al.</i> , "Synthesis of hepadenovirus particles that contain replication-defective duck hepatitis B virus genomes in cultured HuH7 cells", <i>J. Virol.</i> , 64:642-650, 1990.				
	C40	Jones and Shenk, "Isolation of deletion and substitution mutants of adenovirus type 5", Cell, 13:181-188, 1978.				
	C41	Kaneda et al., "Increased expression of DNA cointroduced with nuclear protein in adult rat liver", Science, 243:375-378, 1989.				
	C42	Karlsson et. al., "Stable gene trasnfer and tissue-specific expression of a human globin gene using adenoviral vectors," EMBO J., 5:2377-2385, 1986.				
	C43	Kato et al., "Expression of hepatitis b virus surface antigen in adult rat liver", J. Biol. Chem., 266:3361-3364, 1991.				
	C44	Kaufman, "Induction of endonucleolytic dna cleavage in human acute myelogenous leukemia cells by etoposide, camptothecin, and other cytotoxic anticancer drugs: a cauthionary note", Cancer Res., 49:5870-5878, 1989.				
· I	C45	Klein et al., "High-velocity microprojectiles for delivering nucleic acids into living cells", Nature, 327:70-73, 1987.				
Ř	C46	Le Gal La Salle et al., "An adenovirus vector for gene transfer into neurons and glia in the brain", Science 259:988-990, 1993.				

Examiner: Date C nsidered: 7 6 //

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

25071513.1

Serial No. Atty. Docket No. Form PTO-1449 (modified) INRP:021USC1/SLH 09/922,490 List of Patents and Publications for Applicant's **Applicants** Richard J. Cristiano Dao Nguyen INFORMATION DISCLOSURE STATEMENT Group: .; Filing Date: (Use several sheets if necessary) Unknown -August 3, 2001 Other Art Foreign Patent Documents **U.S. Patent Documents** See Page 1 See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
W	C47	Levrero et al., "Defective and nondefective adenovirus vectors for expressing foreign genes in vitro and in vivo", Gene, 101:195-202, 1991.
	C48	MacGregor <i>et al.</i> , "Histochemical staining of clonal mammalian cell lines expressing <i>E. coli</i> beta galactosidase indicates heterogeneous expression of the bacterial gene, " <i>Somat Cell Mol. Genet.</i> , 13:253-265, 1987.
	C49	Mann et al., "Construction of a retrovirus packaging mutant and its use to produce helper-free defective retrovirus", Cell, 33:153-159, 1983.
	C50	Markowitz et al., "A safe packaging line for gene transfer: Separating viral genes on two different plasmids", J. Virol., 62:1120-1124, 1988.
	C51	Mercer, "Cell cycle regulation and the p53 tumor suppressor protein", <i>Critic. Rev. Eukar. Gene Express.</i> 2:251-263, 1992.
	C52	Mietz et al., "The transcriptional transactivation function of wild-type p53 is inhibited by SV40 large T-antigen and by HPV-16 E6 oncoprotein, " EMBO J., 11:5013-5020, 1992.
	C53	Mizrahi, "Production of human interferons: An overview", Process Biochem., 18(4):9-12, 1983.
	C54	Mulligan, "The Basic Science of Gene Therapy", Science, 260:926-932, 1993.
	C55	Nguyen et al., "Enhancement of gene transduction in human carcinoma cells by DNA-damaging agents," " Proceedings of the American Association of Cancer Research, 37:347, Abstract No. 2369, 1996.
	C56	Nguyen et al., "Gene therapy for lung cancer: Enhancement of tumor suppression by a comination of sequential systemic cisplatin and adenovirus-mediated p53 gene transfer, " J. Thorac. Cardiovasc. Surg., 112(5):1372-1377, 1996.
	C57	Nguyen et al., "Gene therapy for lung cancer: Enhancement of tumor suppression by a combination of systemic cisplatin and adenovirus-mediated p53 gene transfer, " Proceedings of the American Association of Cancer Research, 37:347-348, Abstract No. 2370, 1996.
Ì	C58	Nicolas and Rubenstein, "Retroviral vectors", In: Vectors: A survey of molecular cloning vectors and their uses, Rodriguez and Denhardt (eds.), Stoneham: Butterworth, pp. 494-513, 1988.
V	C59	Nicolau and Sene, "Liposome-mediated DNA transfer in eukaryotic cells", <i>Biochem. Biophys. Acta</i> , 721:185-190, 1982.

25071513.1

Date Considered: の Examiner:

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

See Page 1

See Page 1

Atty. Docket No. Serial No. Form PTO-1449 (modified) INRP:021USC:1/SLH 09/922,490 List of Patents and Publications for Applicant's **Applicants** Richard J. Cristiano INFORMATION DISCLOSURE STATEMENT Dao Nguyen Filing Date: Group: (Use several sheets if necessary) August 3, 2001 Unknown¹ Foreign Patent Documents Other Art U.S. Patent Documents

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

See Page 1

Exam. Init.	Ref. Des.	Citation
Pri	C60	Nicolau et al., "Liposomes as carriers for in vivo gene transfer and expression", Methods Enzymol., 149:157-176, 1987.
	C61	Paskind <i>et al.</i> , "Dependence of moloney murine leukemia virus production on cell growth", <i>Virology</i> , 67:242-248, 1975.
	C62	Perales et al., "Gene transfer in vivo: sustained expression and regulation of genes introduced into the liver by receptor-targeted uptake, " Proc. Natl. Acad. Sci. USA, 91:4086-4090, 1994.
	C63	Phillips et al., In: Large Scale Mammalian Cell Culture (Feder, J. and Tolbert, W. R., eds.), Academic Press, Orlando, FL, U.S.A., pp. 87-95, 1985.
	C64	Ponder et al., "Mouse hepatocytes migrate to liver parenchyma and function indefinitely after intraslenic transplantation," Proc. Natl. Acad. Sci. USA, 88:1217-1221, 1991.
	C65	Potter <i>et al.</i> , "Enhancer-dependent expression of human k immunoglobulin genes introduced into mouse pre-B lymphocytes by electroporation", <i>Proc. Nat'l Acad. Sci. USA</i> , 81:7161-7165, 1984.
	C66	Ragot <i>et al.</i> , "Efficient adenovirus-mediated transfer of a human minidystrophin gene to skeletal muscle of mdx mice", <i>Nature</i> , 361:647-650, 1993.
	C67	Renan, "Cancer genes: current status, future prospects, and applicants in radiotherapy/oncology", <i>Radiother. Oncol.</i> , 19:197-218, 1990.
	C68	Ridgeway, "Mammalian expression vectors", <i>In:</i> Rodriguez RL, Denhardt DT, ed. Vectors: A survey of molecular cloning vectors and their uses. Stoneham: Butterworth, pp. 467-492, 1988.
	C69	Rippe et al., "DNA-mediated gene transfer into adult rat hepatocytes in primary culture", Mol. Cell Biol., 10:689-695, 1990.
	C70	Rosenfeld <i>et al.</i> , "Adenovirus-mediated transfer of a recombinant a1-antitrypsin gene to the lung epithelium <i>in vivo</i> ", <i>Science</i> , 252:431-434, 1991.
	C71	Rosenfeld et al., "In vivo transfer of the human cystic fibrosis transmembrane conductance regulator gene to the airway epithelium", Cell, 68:143-155, 1992.
V	. C72	Roux et al., "A versatile and potentially general approach to the targeting of specific cell types by retroviruses: Application to the infection of human cells by means of major histocompatibility complex class I and class II antigens by mouse ecotropic murine leukemia virus-derived viruses", <i>Proc. Natl. Acad. Sci. USA</i> , 86:9079-9083, 1989.

25071513.1

			<u> </u>
Examiner:	b~	Date Considered:	1603

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

See Page 1

Form PTO-1449 (modified) Atty. Docket No. Serial No. INRP:021USC1/SLH 09/922,490 List of Patents and Publications for Applicant's **Applicants** Richard J. Cristiano **INFORMATION DISCLOSURE STATEMENT** Dao Nguyen Filing Date: Group: (Use several sheets if necessary) August 3, 2001 Unknown U.S. Patent Documents Foreign Patent Documents Other Art See Page 1 See Page 1 See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
Op!	C73	Russell et al., "DNA synthesis and topoisomerase inhibitors increase transduction by adeno- associated virus vectors, " Proc. Natl. Acad. Sci. USA, 92:5719-5723, 1995.
	C74	Shaw et al., "Induction of apoptosis by wild-type p53 in a human colon tumor-derived cell line," Proc. Natl. Acad. Sci. USA, 89:4495-4499, 1992.
	C75	Son & Huang, "Exposure of human ovarian carcinoma to cisplatin transiently ensitizes the tumor cells for liposome-mediated gene transfer," <i>Proc. Natl. Acad. Sci. USA</i> , 91:12669-12672, 1994.
	C76	Takahasi et al., "Wild-type but not mutant p53 suppresses the growth of human lung cancer cells bearing multiple genetic lesions", Cancer Res., 52:2340-2343, 1992.
	C77	Temin, "Retrovirus vectors for gene transfer: Efficient integration into and expression of exogenous DNA in vertebrate cell genome", <i>In: Gene Transfer</i> , Kucherlapati (ed.), New York: Plenum Press, pp. 149-188, 1986.
	C78	Top et al., "Immunization with live types 7 and 4 adenovirus vaccines. II. Antibody response and protective effect against acute respiratory disease due to adenovirus type 7", J. Infect. Dis., 124:155-160, 1971.
	C79	Tur-Kaspa et al., "Use of electroporation to introduce biologically active foreign genes into primary rat hepatocytes", Mol. Cell Biol., 6:716-718, 1986.
	C80	Varmus et al., "Retroviruses as mutagens: Insertion and excision of a non-transforming provirus alter the expression of a resident transforming provirus", Cell, 25:23-36, 1981.
	C81	Wagner <i>et al.</i> , "Antisense gene inhibition by oligonucleotides containing C-5 propyne pyrimidines, " <i>Science</i> , 260:1510-1513, 1990.
	C82	Weinberg, "Tumor suppressor gene", Science, 254:1138-1146, 1991.
	C83	Wilcock and Lane, "Localization of p53, retinoblastoma and host replication proteins at sites of viral replication in herpes-invected cells," <i>Nature</i> , 349:429-431, 1991.
	C84	Wong et al., "Appearance of b-lactamase activity in animal cells upon liposome mediated gene transfer", Gene, 10:87-94, 1980.
V	C85	Wu and Wu, "Evidence for targeted gene delivery to HepG2 hepatoma cells in vitro", Biochemistry, 27:887-892, 1988.

25071513.1

Examiner:	Dr.	Date C nsidered:	3/6/03
EXAMINER: initial if refer	ence considered, whether or	not citation is in conformance with MPEF	2609: Draw line through citation if not

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.
INRP:021USC1/SLH

Applicants
Richard J. Cristiano
Dao Nguyen

Serial No.
09/922,490

Filing Date: Group: August 3, 2001 Unknown

U.S. Patent Documents Foreign Patent Documents Other Art
See Page 1 See Page 1
See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Ref. Des.		Citation		
		Wu and Wu, "Liver-directed gene delivery" Adv. Drug Delivery Rev., 12:159-167, 1993.		
	C87	Wu and Wu, "Receptor mediated <i>in vitro</i> gene transfections by a soluble DNA courier system", <i>J. Biol. Chem</i> , 262:4429-4432, 1987.		
	C88	Yang et al., "In vivo and in vitro gene transfer to mammalian somatic cells by particle bombardment", Proc. Nat'l Acad. Sci. USA, 87:9568-9572, 1990.		
	C89	Yonish-Rouach et al., "Wild-type p53 induces apoptosis of myeloid leukaemic cells that is inhibited by interleukin-6, " Nature, 352:345-347, 1991.		
	C90	Zakut-Houri et al., "Human p53 cellular tumor antigen: CDNA sequence and expression in COS cells," EMBO J., 4:1251-1255, 1985.		
-	C91	Zelenin et al., "High-velocity mechanical DNA transfer of the chloramphenical acetyltransferase gene into rodent liver, kidney and mammary gland cells in organ explants and in vivo", FEBS Lett., 280:94-96, 1991.		
	C92	Zhang <i>et al.</i> , "Detection of Wild-type Contamination in a Recombinant Adenoviral Preparation by PCR TM ", <i>BioTechniques</i> , 18:444-447, 1995.		
W	C93	Zhang et al., "Safety Evaluation of Ad5CMV-p53 In Vitro and In Vivo", Human Gene Ther., 6:155-164, 1995.		

25071513.1

Examiner: Date Considered:

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.